

What is claimed is:

1. A doorstop comprising a magnet having first and second transverse edges, said magnet being adapted to be placed on a knuckle of a door hinge so as to limit the angle through which the door to which the hinge is mounted can be swung open, the magnet limiting the maximum angle that the door can open by being interposed between the opening door or hinge leaf attached thereto and the doorframe, doorjamb or hinge leaf attached thereto.
2. (New) A doorstop for restraining the extent to which a door mounted on at least one hinge can swing open comprising:  
a magnetic member, wherein said doorstop has spaced apart first and second transverse edges with said magnetic member interposed therebetween, said doorstop being adapted to be placed on a knuckle of a hinge on which the door is mounted, and wherein said doorstop is held in position with respect to said knuckle by magnetic attraction between said magnetic member and said knuckle, said first and second transverse edges limiting the maximum angle that the door can swing open by being interposed between a first member on the door and a second member that does not move with the door, such that when the door is swung open sufficiently far, said first transverse member contacts said first member and said second transverse member contacts said second member.
3. (New) A doorstop as claimed in claim 2 wherein a surface of said magnetic member has a contour substantially similar to the contour of a surface of said knuckle of said hinge.
4. (New) A doorstop as claimed in claim 2 wherein said magnetic member is of a height no higher than the height of said knuckle.

5. (New) A doorstop as claimed in claim 2 wherein magnetic attraction between said magnetic member and said knuckle tends to hold said magnetic member in a fixed position relative to said knuckle as the door to which said hinge is mounted swings about said hinge.
6. (New) A doorstop as claimed in claim 2 wherein said second member is mounted on a doorjamb.
7. (New) A doorstop as claimed in claim 2 wherein the distance between said first and second transverse edges is adjustable.
8. (New) A doorstop as claimed in claim 7 further comprising a threaded member interposed between said first and second transverse edges, whereby the distance between said first and second transverse edges is adjustable.
9. (New) A doorstop as claimed in claim 2 wherein said doorstop is positioned on a surface of said knuckle so as not to interfere with closing the door.
10. (New) A doorstop as claimed in claim 2 wherein said doorstop is positioned on a surface of said knuckle distal from the corner space formed between the door when it is not closed and a frame member adjacent the door.
11. (New) A doorstop for restraining the extent to which a door opens comprising:
- a housing having first and second transverse edges;
  - a magnetic member mounted to said housing;
  - said housing being adapted to be placed on a knuckle of a hinge mounted on the door and held in position with respect to said knuckle by magnetic attraction between said magnetic member and said knuckle so as to limit the angle through which the door to

which said hinge is mounted can be swung open, said first and second transverse edges limiting the maximum angle that the door can swing open by being interposed between a first member on the door and a second member that does not move with the door, such that when the door is swung open sufficiently far, said first transverse member contacts said first member and said second transverse member contacts said second member.

12. (New) A doorstop as claimed in claim 11 wherein a surface of said housing has a contour substantially similar to the contour of a surface of said knuckle of said hinge.

13. (New) A doorstop as claimed in claim 11 wherein said housing is of a height no higher than the height of said knuckle.

14. (New) A doorstop as claimed in claim 11 wherein magnetic attraction between said magnetic member and said knuckle tends to hold said magnetic member in a fixed position relative to said knuckle as the door to which said hinge is mounted swings about said hinge.

15. (New) A doorstop as claimed in claim 11 wherein the distance between said first and second transverse edges is adjustable.

16. (New) A doorstop as claimed in claim 12 further comprising a threaded member connected between said first and second transverse edges whereby the distance between said first and second transverse edges is adjustable.

17. (New) A doorstop as claimed in claim 11 wherein said magnetic member is mounted within said housing.

18. (New) The doorstop as claimed in claim 11 wherein said second member is mounted on a doorjamb.

19. (New) A doorstep as claimed in claim 11 wherein said housing is positioned on a surface of said knuckle so as not to interfere with closing the door.

20. (New) A doorstep as claimed in claim 11 wherein said housing is positioned on a surface of said knuckle distal from the corner space formed between the door when it is not closed and a frame member adjacent the door.